

# TO THE CHAIRMAN AND MEMBERS OF THE AMPTHILL RURAL DISTRICT COUNCIL.



MR. CHAIRMAN, LADIES AND GENTLEMEN,

I have the honour to present you with my Twelfth Annual Report.

During the year I do not think the population has varied in any marked degree, and I shall therefore retain the same figures for statistical purposes as were disclosed by the 1901 census. The only village that has made any appreciable increase is that of Flitwick. With this exception there has been no marked change.

I now give the population of the various parishes as I did last year, with a comparison of the two last censuses.

	1901	1891		1901	1891
Aspley Guise. . . .	1262	1212 + 50	Liddington . . . .	515	600 — 85
Aspley Heath . . . .	462	451 + 11	Marston Moretaine . .	973	1047 — 74
Battlesden . . . .	72	81 — 9	Maulden . . . .	1147	1243 — 96
Clophill . . . .	893	1068 — 175	Millbrook . . . .	218	227 — 9
Cranfield . . . .	1239	1365 — 126	Milton Bryant . . . .	182	226 — 44
Eversholt . . . .	574	623 — 49	Potsgrove . . . .	114	157 — 43
Flitton . . . .	449	561 — 112	Pulloxhill . . . .	395	492 — 97
Flitwick . . . .	1029	900 + 129	Ridgmount . . . .	591	758 — 67
Gravenhurst . . . .	364	416 — 52	Salford . . . .	147	178 — 31
(Upper and Lower)			Shillington . . . .	1629	1897 — 268
Harlington . . . .	530	504 + 26	Silsoe . . . .	528	589 — 61
Haynes . . . .	746	836 — 90	Steppingley . . . .	273	308 — 35
Higham Gobion . . . .	59	73 — 14	Tingrith . . . .	151	155 — 4
Holcut . . . .	45	48 — 3	Toddington . . . .	1962	2087 — 125
Houghton Conquest. .	571	579 — 8	Westoning . . . .	501	510 — 9
Husborne Crawley . .	397	410 — 13	Woburn . . . .	1129	1193 — 64

As in previous years, the District will be divided into sub-districts, viz., AMPTHILL, CRANFIELD, SHILLINGTON and WOBURN.

I shall first of all deal with the total number of Deaths and the respective Death Rates of the sub-districts, after which I shall proceed with the Birth Rates.

DEATH RATES.—The total number of Deaths in the entire District in 1909 amounted to 289, inclusive of those which occurred in the Workhouse at Ampthill, Three Counties Asylum at Arlesey, and the County Hospital, Bedford. With these exceptions I have no knowledge of deaths from the District having occurred outside its area.

As the population is 19,146, it gives a general Death Rate of 15, which is a slight increase on last year, when it was 14.6.

	Population.	No. of Deaths		Death Rate.		Zymotic Death Rate.		Phthysical Death Rate.		Infantile Mortality Rate.	
		1908.	1909.	1908.	1909.	1908.	1909.	1908.	1909.	1908.	1909.
AMPTHILL.....	5,329	77	75	14·4	14	1·5	.	·56	·56	68	48
CRANFIELD .....	2,727	28	32	10·2	11·7	·36	.	·71	1·4	85	29
SHILLINGTON .....	3,473	51	52	14·6	14·9	·28	.	1·1	·86	52	81
WOBURN .....	7,617	125	130	16·4	17	·78	.	1·0	1·4	94	70

The Zymotic Death Rate of the entire District is Nil.

The Phthysical Death Rate of the entire District is 1·2.

The Infantile Mortality of the entire District per 1000

Births registered is 58·9.

This year compares most favourably with the previous one in all the three respects given above. For the first time since the amalgamation of the Districts we have a Zymotic Death Rate of "Nil." The Phthysical Death Rate is slightly less and the Infantile Mortality is the lowest we have ever recorded.

There have been in the whole District—

25 deaths under twelve months.

6 „ between the ages of 1 and 5 years.

7 „ „ 5 „ 15 „

12 „ „ 15 „ 25 „

86 „ „ 25 „ 65 „

153 deaths in persons over 65 years of age.

Over one half the number of Deaths are in persons over 65 years of age.

The deaths from Cancer amounted to 36, which is the highest yet recorded in this district. They are thus distributed in the sub-districts, viz., Ampthill, 11; Cranfield, 3; Shillington, 7; Woburn, 15. As soil is supposed by some to be a predisposing factor in the causation of the disease, I will again give the soils and sub-soils of the various parishes in which the cases occurred.

- (1) *Aspley Heath*—3 cases.
- (2) *Battlesden*—1 case. Soil, clay and gravel; subsoil, gravel.
- (3) *Clophill*—1 case. Soil, sand; subsoil, gravel.
- (4) *Cranfield*—2 cases. Soil, clay; subsoil, clay.
- (5) *Flitton*—2 cases. Soil, chiefly sand; subsoil, sandstone.
- (6) *Flitwick*—1 case. Soil, gravel; subsoil, sand.
- (7) *Gravenhurst*—2 cases. Soil, clay; subsoil, varied.
- (8) *Harlington*—1 case. Soil, mixed; subsoil, part clay and part chalk.
- (9) *Haynes*—1 case. Soil, half clay and half sand; subsoil, sand.
- (10) *Lidlington*—1 case. Soil, sand, gravel and clay.
- (11) *Maulden*—2 cases. Soil, part sand, part clay; subsoil, clay.
- (12) *Millbrook*—1 case. Soil, sand; subsoil, sand.
- (13) *Potsgrove*—1 case. Soil and subsoil, clay and gravel.

- (14) *Pulloxhill*—3 cases. Soil and subsoil, clay.  
 (15) *Ridgmount*—3 cases. Soil, part sand, part clay ; subsoil, sand and clay.  
 (16) *Shillington*—3 cases. Soil, clay ; subsoil, clay.  
 (17) *Steppingley*—1 case. Soil, chiefly sand ; subsoil, sand.  
 (18) *Toddington*—2 cases. Soil, marl and clay ; subsoil, gravel.  
 (19) *Woburn*—2 cases. Soil, lower greensand ; subsoil, gravel.

The remaining three cases were contracted outside the district.

The following were the organs affected—

Breast	...	...	...	9	Neck	...	...	...	1
Bones	...	...	...	2	Stomach	...	...	...	11
*Bowel	...	...	...	5	Tongue	...	...	...	1
Lip	...	...	...	1	Uterus	...	...	...	2
Liver	...	...	...	4					

\*The Rectum was the part affected in two of the cases.

Although there has been considerable research in regard to the causation and cure of this disease, no remedy of importance (with the exception of surgical procedure) has, up to the present, been discovered.

Influenza has during the year made two appearances, once in the Spring when the epidemic was rather a severe one, and the other in November and December of a much milder character. All the deaths, which were seven in number, occurred in the Woburn sub-district.

Pulmonary Tuberculosis shows a slight decrease on the previous year. Seventeen cases were then recorded, whereas this year only 15 cases have fallen victims to this disease.

The mortality from diseases of the Respiratory Organs, exclusive of Pulmonary Tuberculosis, is still high, amounting as it does to 39. This is mainly attributable to the cold, damp weather we have had throughout the year, but chiefly in the Spring.

BIRTHS AND BIRTH RATES.—The total number of Births in the entire District was 424, which does not, I am sorry to say, maintain the increase of last year, when 446 was recorded. This gives an average of 22·1.

The Births and Birth Rate of each sub-district are—

	Number of Births.		Birth Rates.	
	1908.	1909.	1908.	1909.
AMPTHILL .....	145	125	27·2	23·4
CRANFIELD .....	58	68	21·2	24·9
SHILLINGTON .....	95	74	27·3	21·3
WOBURN.....	148	157	19·5	20·6

Of the sub-districts Cranfield has the highest and Woburn, as usual, the lowest. Out of the total number of Births 18 were illegitimate, which shows that out of every 1,000 Births 42·4 were born out of wedlock.

I now come to the Zymotic diseases, and am glad to report a lower number than we have ever had. Thirty-four were recorded in comparison with 91 of the previous year. We have, however, not had the same immunity in regard to non-notifiable disease, as Measles have been very prevalent in some of the villages, necessitating in two instances the closure of the Schools.

DIPHTHERIA.—Twelve cases of this disease were notified during the year, which is 9 less than during 1908. Seven of these occurred at Toddington during January, and constitute the tail end of an epidemic which started the previous December. Antitoxin was used as a prophylactic on most of the contacts, and with most successful results, as no case occurred amongst those inoculated. Two additional cases occurred at Toddington in March, and later on two were notified from Lidlinton and one from Shillington.

CHICKEN-POX.—This disease has been very prevalent, necessitating the closure of the Schools at Aspley Heath, Eversholt, Marston Moretaine and Woburn.

ERYSIPELAS.—Nine cases have been notified. I fail to see the utility of notifying this disease in rural districts.

ENTERIC FEVER.—Two cases, and those occurred in the same house, at Lower Stondon in the parish of Shillington. Diagnosis confirmed by Widal's reaction. The drainage in the immediate vicinity of this house was found in an unsatisfactory condition.

MEASLES.—This disease has been prevalent at Ridgmont, Clophill and Haynes, necessitating the closure of the Schools at the latter two places.

MUMPS.—The only parish where this disease was prevalent was Pulloxhill, and here it was necessary to close the School.

ROTHELU (German Measles).—The Schools at Church End, Marston Moretaine and Houghton Conquest were closed on account of this disease.

WHOOPIG COUGH.—This disease has not been as prevalent as during the previous year, the only School closed being that at Pulloxhill.

ZYMOTIC DIARRHOEA.—Only one death has occurred from this disease. This is to be accounted for by the damp and cold weather during the summer months. Rain fell on a large number of days.

PUEIPERAL FEVER AND SMALL-POX.—No cases of these diseases occurred.

The following Notifications under the Infectious Disease Notification Act have been received :—

Amphill	{ Erysipelas ..... 5 } { Scarlet Fever... 1 }	6	Cranfield	{ Diphtheria ..... 2 } { Scarlet Fever... 6 }	8
Shillington	{ Diphtheria ..... 1 } { Erysipelas ..... 2 } { Scarlet Fever ... 1 } { Enteric Fever... 2 }	6	Woburn	{ Diphtheria... .. 9 } { Erysipelas ..... 2 } { Scarlet Fever ... 3 }	14



I now mass the cases of the entire District together and give the seasons of the year in which they occurred :—

1st Three Months.	2nd Three Months.	3rd Three Months.	4th Three Months.
Diphtheria 9	Diphtheria 1	<i>Nil.</i>	Diphtheria 2
Enteric Fever 2	Erysipelas 3		Erysipelas 3
Erysipelas 3	Scarlet Fever 2		Scarlet Fever 8
Scarlet Fever 1			
15	6		13

Total ... 34

As mentioned in the previous Reports, disinfectants and printed instructions are supplied gratuitously in all cases of Infectious Notifiable Disease, and at the end of the illness (should the patient be treated at home) the rooms which the patient occupied are thoroughly disinfected with Formic Aldehyde, free of charge. If the patient is removed to Hospital, the house is disinfected immediately after the removal. In addition to the above, houses where deaths have occurred from Cancer and Phthisis are disinfected. Printed instructions are given in cases of the latter disease should they be brought to our notice. I am glad to say the labouring class are beginning to recognise the infectious character of the disease, and in the majority of cases endeavour to carry out the above instructions. The importance of fresh air is now being recognised. The recent Order of the Local Government Board will be of considerable help to us in discovering persons suffering from this disease, but during the year only two cases were notified to me. All Schools are disinfected should they be considered a factor in the spread of infectious disease, either notifiable or non-notifiable. The cost of this is refunded by the County Council.

The Rainfall is again included on account of its influence in regard to water supply and flushing of drains, and its bearing on the causation of various diseases, especially Zymotic Diarrhoea.

Jan. in.	Feb. in.	Mar. in.	Apr. in.	May in.	June in.	July in.	Aug. in.	Sept. in.	Oct. in.	Nov. in.	Dec. in.
·880	·43	3·210	1·280	1·27	4·195	2·745	1·980	1·955	3·850	·880	2·955

Total for the year ... 25·630.

This is more than the average, which is 24 inches. The above was taken at Shillington with a 5in. gauge. Height above sea level, 182 feet. The Rainfall over the entire district varies very little.

## WATER SUPPLY.

The lower end of Liddington is still inadequately supplied with water, as no steps have been taken during the past year to remedy the state of things mentioned in my last Report. Additional standpipes are necessary in connection with the present water supply. Owing to the heavy rainfall no cases of shortage have been brought to our notice in any part of the Districts.

The Local Government Board have given their consent to a public water supply for the parishes of Aspley Guise and Aspley Heath, also a contiguous portion of an adjoining district. The work has commenced and considerable progress has been made.

I am indebted to Mr. Strachan, the resident Engineer at Woburn Sands, for the following information in regard to what has been done.

"The reservoir at Bow Brickhill has, with the exception of a few minor details, been completed. Fully seven miles of water mains have been laid, including the necessary valves, hydrants, etc. This length of piping includes the pumping main and the larger sized distributing mains. The supply well has been sunk and lined to a depth of 39 feet. When the days get a little longer sinking will be continued night and day down to the rock, at a depth of 43 feet from the surface. This sinking being in running sand is not well adapted for the short days of winter, as the work has to be carried on night and day."

## SEWAGE AND REFUSE DISPOSAL.

The most important matter in this direction has been the commencement of the sewage works in connection with Aspley Guise and Aspley Heath. Quite early in the year the Local Government Board gave their consent to the work being carried out.

As in the case of the water supply for the same area, I am indebted to Mr. Strachan for an account of the progress made.

"The disposal works are roughly two-thirds completed so far as construction is concerned. About 2,100 cubic yards of clinker are required for the filters, most of which will come from London, and of which about 100 cubic yards have been delivered. Very nearly four miles of sewers have been laid, including those which required to be sunk to the greatest depth; the necessary manholes have also been fixed. Junctions for the drainage of private house property have been, of course, supplied. The total length of sewers is about ten miles."

As far as Mr. Strachan can estimate, one-half of the total work of the Water and Sewage contracts is finished, and very nearly one-half of the time allowed for completion has expired. If all goes well, both contracts should be completed by the end of August.

The suggested alterations in regard to the drainage of the Isolation Hospital, which were mentioned in my last Report, have been carried out, and prove to be thoroughly satisfactory.

No new sewers have been laid with the exception of those at Aspley Guise and Aspley Heath. The sewer at Upper Shelton has been extended, and improvements to sewers have taken place in several parishes. A sewer is required at News End, Shillington, where at least a dozen houses are without drains, and the occupants empty their slops into the ditch by the roadside. An extension of a sewer at Lower Stondon, in the parish of Shillington, is urgently needed, as considerable nuisance is at times created.

## SCAVENGING.

The following places would be improved by a system of scavenging, viz., Cranfield and Marston Moretaine.

## SCHOOLS.

A new School is being erected at Toddington in the place of one which is rather of an antiquated character. The fresh offices at Lower Stondon, in the parish of Shillington, which were mentioned in my

last Report as having been commenced, are now completed. The closure of Schools and exclusion of scholars is now undertaken in conjunction with the School Medical Officer, except in the cases where the closure is not for sanitary purposes, but in order to save the Grant, when the matter is left entirely in the hands of the School Medical Officer.

### NUISANCES.

The total number dealt with is greater than last year, but this is due mainly to a large number of parishes having had a house to house inspection, and most of these were more populous than those inspected the year before.

### HOUSE TO HOUSE INSPECTION.

The parishes of Flitwick, Higham Gobion, Haynes, and Westoning have been inspected, and in addition to this Flitton, Lidlington and Steppingley have been re-inspected. As the Inspector comments on the condition of the above parishes in his Report it is hardly necessary for me to go into the matter.

## *Administration of the Factories & Workshops Act, 1901, for the year 1909.*

### FACTORIES.

The Powage Printing Works is the only factory we have of any importance. The sanitary conveniences are satisfactory and sufficient. In addition to the above we have others, employing for the most part three or four hands, and situated in the parishes of Aspley Guise, Clophill, Eversholt, Flitton, Flitwick, Harlington, Holcut, Ridgmont, Toddington, Shillington and Woburn. About one half are flour mills. There is no fault to be found with the sanitation of these.

### DOMESTIC FACTORIES.

Only one, and that at Pulloxhill. Printing is the industry. No sanitary defects.

### WORKSHOPS.

The main workshops in the district are bakehouses, slaughter-houses, dairies, and houses where hat sewing and dressmaking are carried on.

BAKEHOUSES.—We have 49 of these, and one or more are situated in the following parishes, viz., Aspley Guise, Aspley Heath, Clophill, Cranfield, Eversholt, Flitwick, Gravenhurst, Harlington, Haynes, Houghton Conquest, Husborne Crawley, Marston Moretaine, Maulden, Pulloxhill, Ridgmont, Shillington, Silsoe, Toddington, Westoning and Woburn. These premises, with very few exceptions, are kept in a very cleanly state. We have one underground bakehouse which is situated in the parish of Westoning.

SLAUGHTER-HOUSES.—These are 37 in number, and situated in the same parishes as the bakehouses, with the exception of Harlington and Westoning. These premises are kept much cleaner than they were a few years ago.



DAIRIES WHERE BUTTER AND CHEESEMAKING ARE CARRIED ON.—This is the only class of dairy which is classified as a workshop. Very little fault is to be found with these premises from a sanitary point of view.

HAT-SEWING.—This is an industry which is carried on in this district for a brief portion of the year, and the number of people employed is getting less owing to the advent of machinery. Workshops where this industry is carried on are situated in the parishes of Clophill, Flitton, Flitwick, Gravenhurst, Marston Moretaine, Maulden, Toddington and Westoning. These premises, with few exceptions, are kept very clean.

DRESSMAKING.—This industry is carried on in the following parishes, viz., Clophill, Eversholt, Flitwick, Gravenhurst, Marston Moretaine, Maulden, Shillington and Toddington. There is no fault to be found with the premises where this industry is carried on.

### OUT-WORKERS.

These are almost entirely confined to hat-sewing. They reside in the parishes of Clophill, Flitwick, Gravenhurst, Maulden, Millbrook, Marston Moretaine, Pulloxhill, Toddington and Westoning.

### WORKPLACES.

These are not periodically inspected with the exception of Dairies, Cowsheds, and Milkshops, but all nuisances brought to our notice are attended to at once. One hundred and seven Dairies and Cowsheds have been inspected, and defects were found in 48; these defects were mainly in connection with Cowsheds.

### HOUSING OF THE WORKING CLASSES ACT.

Two houses have been reported by me to my Council as being unfit for occupation. One was situated at Ridgmont and the other at Toddington. In the former case the tenant was got rid of by an Eviction Order, and in the latter he left of his own accord. No steps have been taken to put the houses in habitable condition; they are both in a very bad state, and in my opinion the best plan would be to demolish them.

The following permissive Acts, Bye-laws and Regulations are in force in this District :—

Infectious Diseases Prevention Act, 1890.

Part III. of the Public Health Amendment Act, 1890.

Building Bye-laws in respect to New Streets and Buildings.

Regulations under the Dairies and Milkshops Order of 1885.

Bye-laws in regard to Slaughter-houses for the following parishes, viz., Cranfield, Flitwick, Marston Moretaine, Maulden, Pulloxhill and Toddington.

### RECENT LEGISLATION.

#### PUBLIC HEALTH AMENDMENT ACT, 1907.

The Local Government Board may, on the application of a local authority, declare any part or any section of this Act to be in force in the District of the local authority. As there are several sections in Part III. (Sanitary Provisions) and Part IV. (Infectious Diseases) which would be of great use to us, I strongly recommend this Council to make the necessary application.



## EDUCATION (ADMINISTRATIVE PROVISIONS) ACT.

The scholars in all the Schools of the District have now been inspected, viz., those entering for the first time and also those about to leave. A large number of defects have been discovered, but it remains to be seen whether the parents will have them attended to. The difficulty will be found in cases requiring an operation. I am glad to be able to report that the children's heads are kept in a much more cleanly condition than before these Provisions came into force.

## VACCINATION.

Under the Expiring Laws Continuance Act this Act continues in force until December, 1910. No doubt Re-vaccination at or about the age of 12 would be a great improvement to the Act.

I will now give the Births and Vaccinations of each sub-district :—

				Births.	Vaccinations.
Amphill	...	...	...	25	33
Cranfield	...	...	...	68	40
Shillington	...	...	...	74	16
Woburn	...	...	...	157	95

This gives a percentage of 43·3, which is less than last year, when the average was very low. This drop is no doubt due to the increased facility for obtaining Exemption Certificates.

## HOSPITAL ACCOMMODATION.

SMALL-POX HOSPITAL.—We have not had occasion to use the Hospital, as no case of the disease has occurred in the District.

HOSPITAL FOR DIPHTHERIA, ENTERIC AND SCARLET FEVERS.—Dr. Langham Garner, the Medical Superintendent of this Institution, has kindly furnished me with the following account concerning its administration.

“Only 22 Patients were treated at the Hospital during the past year, and of these 3 were from the Amphill Urban District Council. The numbers were made up as follows :—

Diphtheria	...	...	...	8
Enteric	...	...	...	2
Scarlet Fever	...	...	...	12

DIPHTHERIA.—Patients all came from Toddington, and were admitted in early part of year, viz., 6 in January and 2 in March. Sex, 6 males and 2 females. Average age,  $7\frac{1}{2}$  years. Average stay in Hospital, 35·5 days. Type of disease, mild. Antitoxin given in every case as soon as possible after admission, and patients not discharged until swab of throat showed absence of Diphtheria bacillus.

ENTERIC.—Two cases (mother and daughter) from Shillington in March. In both disease ran a severe course, but free from complications.

SCARLET FEVER.—The Patients from the Rural Districts were (with the exception of a mild case from Toddington in April) admitted during the last six weeks of the year. The parishes from which they came were—Toddington, 2; Marston, 5; Shillington, 1; Amphill, 3 (from one family, admitted in April); Hospital, 1. Type of disease mild, except in the three Urban cases, in which complications were numerous,

viz., Adenitis, Otorrhœa, Rhinitis, Nephritis, and Lachrymal Abscess. There were no deaths during the year.

A fortnight in April each of the three blocks was occupied, and a second probationer was added to the nursing staff. During the summer the Assistant Nurse left, and her place was taken by the senior probationer, who has completed her two years' training. The Hospital was empty twice during the year, viz., (*a*) for 13 days in March, and (*b*) from 14th July to 16th November. This long interval enabled the Matron to replenish her stock, which had become very depleted owing to the hard wear and tear necessary in a fever hospital. All the garments worn in the wards are made by the Nursing Staff."

No doubt the improvement in sanitary matters of previous years is being maintained, but there is still a considerable amount of work to be done.

Acreage (exclusive of area covered by water), 68,195.

Census population, 19,146. Density of population, 1 person to 3·5 acres.

I have the honour to be, Ladies and Gentlemen,

Your obedient Servant,

KILHAM ROBERTS, M.O.H.

*January 31st, 1910.*

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# AMPTHILL RURAL DISTRICT COUNCIL.

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## *Annual Report of the Sanitary Inspector for the Year 1909.*

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The summary below gives some indication of the work carried out during the past twelve months. The total number is higher owing to more house to house inspection work having been done, although the number of rooms disinfected is less than half what it was last year, and 30 less samples of water have been tested; the increase is mainly defective closets and drains and dilapidations. The number of houses for which water certificates have been granted is practically the same as last year

Summary of Defects and other matters dealt with during the year :—

1.	Nuisances caused by Defective and Insufficient Closets .....	92
2.	"                    "                    "    Ashpits .....	20
3.	"                    "                    "    Drains .....	104
4.	"                    "                    "    Urinals .....	1
5.	"                    Damp Premises and Spouting required to Eaves .....	27
6.	"                    Accumulation of Offensive Matter .....	22
7.	"                    Overcrowding .....	7
8.	"                    Insanitary Pigsties .....	3
9.	Dwellings Cleansed and Limewashed .....	13
10.	"          in a Dilapidated State .....	75
11.	"          with Defective and Insufficient Water Supply .....	9
12.	"          with Insufficient Light and Ventilation .....	14
13.	"                    and Defective Yard Pavings .....	5
14.	Wells Repaired and Cleansed .....	22
15.	New Houses received Water Certificates .....	31
16.	Samples of Water Tested .....	39
17.	Rooms Disinfected after Infectious Disease .....	32
18.	"                    Consumption .....	20
19.	"                    Cancer .....	25
20.	Schools Disinfected .....	13
Total .....		574
,, for 1908 .....		516

The above 574 cases were in connection with 566 premises.

Number of Notices served under various Sections .....	7
"          Complaints received .....	44
"          Proceedings taken under Section 91 .....	1
"                    Slaughterhouse Bye-laws .....	1

### PAROCHIAL WORK.

SEWERAGE.—With the exception of the new sewers at Aspley Guise and Aspley Heath there has been

very little drainage work carried out this year, mainly repairs and small improvements. A short length of glazed pipes was laid at Pulloxhill in place of a defective brick barrel arch and a local pipe drain. An extension of the sewer at Upper Shelton, Marston, has been made. The new sewers at Aspley Guise and Aspley Heath will entail a considerable amount of work towards the latter end of 1910, when the house connections will be made.

SCAVENGING.—The scavenging work has been continued during the year in the parishes of Aspley Guise, Aspley Heath and Toddington, and below I give extracts from my quarterly reports to the Committees showing the progress of the work. The figures show a great decrease in the number of vaults and a corresponding increase in the number of pails emptied. Galvanized ashbins are also on the increase.

Number of Sanitary Appliances dealt with by the Contractors :—

	Toddington.	Aspley Guise.	Aspley Heath.
Closet Vaults .....	203	35	6
Closet Pails .....	15148	12683	1591
Ashpits .....	233	80	29
Ashbins .....	4028	2450	448
Cesspools .....	7	118	37
Totals .....	<u>19619</u>	<u>15366</u>	<u>2111</u>

To total cost to each parish is as follows :—

	Toddington.	Aspley Guise.	Aspley Heath.
Labour .....	£49 17 4	£108 13 4½	£48 11 8
Establishment Expenses...	7 0 2	10 6 1	5 3 5
	<u>£56 17 6</u>	<u>£118 19 5½</u>	<u>£53 15 2</u>

The average cost per week works out at—

	Toddington.	Aspley Guise.	Aspley Heath.
For 1909 .....	£1 1 10½	£2 5 9	£1 0 8
For 1908 .....	£1 9 8	£2 7 4	£0 16 6¾

## WATER SUPPLY.

With the exception of the new Water Scheme for Aspley Guise and Aspley Heath very little has been done during the year in this direction. The supply on the whole has been good and plentiful, though there are still some parishes that would be very short of water in a dry summer.

## HOUSE TO HOUSE INSPECTIONS.

Four parishes have been inspected, viz., Flitwick, Westoning, Haynes and Higham Gobion, and the details of each house have been entered in the House to House Inspection Books. The parishes of Flitton, Steppingley, Flitwick and Liddington have also been re-inspected.

The following are extracts from the Reports, including Liddington, which was partly reported upon last year.



*Lidlington*.—The total number of premises inspected is 115. The parish was last inspected in March, 1898, when 90 premises were visited. Structural defects or nuisances were found and have been reported in the fortnightly reports at 38 premises. The general cleanliness is good. The water supply so far as it goes is good, and with the exception of Sheeptick End, where the water from a roadside pond and ditch is used by nine cottages; some of these, however, have drinking water brought to them daily. The general sanitation of the parish is good, and considerably improved since the last inspection in 1898; most of the houses have drains, the majority of which are connected with the sewers. The ground allotted to the houses is in most cases very small, and a few have practically no garden ground. The closet accommodation is good, the pail type prevailing. There are a few proper brick ashpits, and some galvanized ashbins; those who have neither pits or bins, dig their ashes in the ground or take them to the allotments. The structural condition of the houses is fairly good.

*Flitwick*.—The total number of premises inspected is 255. The parish was last inspected in June, 1898, when 201 premises were visited. Seventy-eight structural defects or nuisances were found, and have been reported at 79 premises. The general cleanliness of the premises is good. The water supply appears to be satisfactory. I have not tested many samples, but there were practically no complaints as to quality or quantity. The wells are numerous, and vary in depth from 10 to 40 feet. DRAINAGE.—There is only one short length of sewer at Denel End, which takes the sink and yard water from seven houses, all the other houses have either no drains at all or have cesspool drainage. At East End practically all the houses have no drains, but where gardens are large enough I have asked for cesspool drainage to be provided. A better means of drainage is certainly needed. There are several houses in various parts of the parish that have not sufficient garden ground to dispose of the slops, &c. With regard to Denel End, some means of drainage should be provided for slops and surface water. I have endeavoured to arrange matters, but up to the present the owner of the farm on which the drain would empty has not given his consent. Failing a better system of slop water drainage a scavenging scheme should be inaugurated. The closet accommodation is good, the pail type prevailing, though there are several vaults that I have asked to be filled in and galvanized pails provided. The structural condition of the houses is on the whole very good.

*Westoning*.—The total number of premises inspected is 110. The parish was last inspected in July, 1898, when 102 premises were visited. Structural defects or nuisances were found and have been reported at 66 premises, there were therefore 44 premises at which no defects were reported. The general cleanliness of the premises is very good. The water supply appears to be good both in quality and quantity, the wells being numerous. There are no public wells. DRAINAGE.—Practically all the houses are provided with drains, and they mostly run into two sewers that join near the Schools, from thence an 18in. pipe is laid, carrying also the surface water, and discharges into the ditch below the Manor grounds. A few houses are still without drains, although the sewers run close to. I have asked the owners of these to make proper provision. The structural condition of the houses is on the whole good. The closet accommodation is very fair, the vault type being prevalent, but in the majority of cases there is ample garden ground, and the closets are situated some distance from the houses. There are not many proper brick ashpits or galvanized bins, most of the tenants throwing their ashes and refuse on the garden, and eventually digging it in; this is usually satisfactory where the garden is ample.

*Haynes*.—The total number of premises inspected is 170; this number is just the same as in September, 1898, when the parish was last inspected. Structural defects or nuisances were found at 81 premises, although they seem rather numerous, they are mostly of a minor character. The general cleanliness of the premises is very good. The water supply is not good, there being very few wells, though the quantity of course has been much better than in previous years, all the wells now containing water, whereas in dry seasons several of them are dry. DRAINAGE.—There is a main drain that runs from the Green to Northwood End, taking the drainage of a large number of houses, but with the exception of this there are no sewers. There are, however, other short drains discharging into ditches, and nearly every house has some form of drainage. The structural condition of the houses is on the whole good, and certainly a decided improvement on the last inspection. The closet accommodation is good, the pail type prevailing, there being pails to 134 cottages and vaults only to 36, a few of these I have asked to be filled in. There are very few proper brick ashpits, but in the majority of cases the tenants have sufficient garden ground on which to dispose of the house refuse.

*Higham Gobion.*—There is very little to report on this parish. Eight occupied premises have been visited, and defects reported at all. Most of the houses have drains running into the ditches. The structural condition of the premises is poor, and the water supply is bad, it being obtained mainly from brooks. I have asked the owners to provide a proper supply.

### FACTORIES AND WORKSHOPS.

The half-yearly inspection of these premises have been continued as before, and two summarized reports have been presented to the Council.

Inspections made .....	273
Workshops requiring Cleansing and Whitening .....	36
Workshops requiring work to Floors.....	11

Received lists of Outworkers from 14 employers, amounting in all to 132 persons.

There is still one underground bakehouse.

### DAIRIES, COWSHEDS AND MILKSHOPS.

These premises have been inspected as in previous years, and below I give a few particulars taken from the last General Report to the Council on these premises in August, 1909.

Number of premises Registered since the Regulations came into force (29th November, 1900) .....	159
Number of premises inspected this year .....	107
" defective .....	48
Dairies having Drains, Floors, &c., defective .....	2
Cowsheds " " " " .....	22
Dairies requiring Cleansing .....	11
Cowsheds " " " " .....	32
Approximate number of Cows Milked .....	1476

No defects were reported at 76 Dairies and 45 Cowsheds. Seven persons have been registered during the year.

### SUMMARY OF INSPECTIONS.

	Defects.	Premises.
Nuisances .....	574	566
House to House Inspections in excess of above .....	—	232
Factories and Workshops.....	47	243
Dairies and Cowsheds .....	48	107
Total .....	669	1178
Total for 1908 .....	604	1188

## NEW BUILDINGS.

Plans have been received during the year for—

51 New Houses  
 1 Public Building  
 3 Workshops  
 17 Additions to existing Buildings  
 8 New Drainage, Closets, &c,

And the New Houses may be sub-divided into parishes, as follows :—

4 Aspley Guise	17 Marston
1 Eversholt	3 Maulden
16 Flitwick	2 Ridgmont
2 Gravenhurst	2 Shillington
2 Harlington	2 Toddington

LEONARD FOSTER,

*Inspector.*

*Flitwick, Ampthill,*

19th January, 1910.





TABLE I.

# AMPTHILL RURAL DISTRICT.

Vital Statistics of Whole District during 1909 and Previous Years.

YEAR.	Population estimated to Middle of each Year.	BIRTHS.		TOTAL DEATHS REGISTERED IN THE DISTRICT				TOTAL DEATHS IN PUBLIC INSTITUTIONS IN DISTRICT	Deaths of Non-residents registered in Public Institutions in District.	Deaths of Residents registered in Public Institutions beyond the District.	NET DEATHS AT ALL AGES BELONGING TO THE DISTRICT.	
		Number.	Rate.*	Under 1 Year of Age.		At all Ages.					Number.	Rate.*
				Number.	Rate per 1000 Births registered.	Number.	Rate.*					
1	2	3	4	5	6	7	8	9	10	11	12	13
1899	12726	313	24.5	29	92.6	193	15.1			4	197	15.4
1900	20635	460	22.2	49	106.5	297	14.3			16	313	15.1
1901	19146	479	25.01	40	83.5	286	14.9			14	299	15.6
1902	19146	446	23.35	27	60.5	256	13.37			25	281	14.6
1903	19146	425	22.19	46	108.2	275	14.3			22	296	15.4
1904	19146	438	22.87	40	100.4	251	13.1	1	1	27	277	14.4
1905	19146	449	23.4	32	71.2	217	11.3	1	1	22	239	12.4
1906	19146	423	22.09	33	78	263	13.73	1		27	290	15.1
1907	19146	419	21.8	59	140.8	286	14.8	1		23	309	16.1
1908	19146	446	23.35	34	76.2	256	13.37	3		25	281	14.6
Averages for years 1899-1908	1882.9	429.8	23.07	38.9	91.79	258	13.82	.7	.2	20.5	278.2	14.87
1909	19146	424	22.1	25	58.9	269	14			21	289	15

\* Rates in Columns 4, 8, and 13 calculated per 1,000 of estimated population.

+ In 1900 the Woburn District was amalgamated with that of Ampthill.

NOTE.—The deaths to be included in Column 7 of this table are the whole of those registered during the year as having actually occurred within the district or division. The deaths to be included in Column 12 are the number in Column 7, corrected by the subtraction of the number in Column 10 and the addition of the number in Column 11.

By the term "Non-residents" is meant persons brought into the district on account of sickness or infirmity, and dying in public institutions there; and by the term "Residents" is meant persons who have been taken out of the district on account of sickness or infirmity, and have died in public institutions elsewhere.

The "Public institutions" to be taken into account for the purposes of these Tables are those in to which persons are habitually received on account of sickness or infirmity, such as hospitals, workhouses and lunatic asylums. A list of the Institutions in respect of the deaths in which corrections have been made should be given on the back of this Table.

Area of District in acres (exclusive of area covered by water).	68,195.
Total population at all ages	... 19,146
Number of inhabited houses	... 4,729
Average number of persons per house	... 4·04
	At Census of 1901.
	[SEE OVER.]

I. Institutions within the District receiving sick and infirm persons from outside the District.	II. Institutions outside the District receiving sick and infirm persons from the District.	III. Other Institutions, the deaths in which have been distributed among the several localities in the District.
<i>Nil.</i>	Arlesey Asylum    ...    ...    4 Amptnill Workhouse    ...    13 Bedford Hospital    ...    4	
Is the Union Workhouse within the District ? <i>No.</i>		



TABLE II.  
AMPTHILL RURAL DISTRICT.

Vital Statistics of separate Localities in 1909 and previous years.

NAMES OF LOCALITIES	AMPTHILL.				CRANFIELD.				SHILLINGTON.				WOBURN.			
	Population esti- mated to middle of each Year.	Births regis- tered.	Deaths at all Ages.	Deaths under 1 year.	Population esti- mated to middle of each Year.	Births regis- tered.	Deaths at all Ages.	Deaths under 1 year.	Population esti- mated to middle of each Year.	Births regis- tered.	Deaths at all Ages.	Deaths under 1 year.	Population esti- mated to middle of each Year.	Births regis- tered.	Deaths at all Ages.	Deaths under 1 year.
YEAR.	a	b	c	d	a	b	c	d	a	b	c	d	a	b	c	d
1899 ...	5671	141	102	20	3012	75	44	6	4043	97	49	3	7909	162	142	19
1900 ...	5671	134	78	13	3012	71	48	10	4043	93	45	7	7909	169	114	13
1901 ...	5329	141	87	19	2727	72	37	3	3473	97	61	5	7617	168	113	12
1902 ...	5329	140	79	9	2727	63	44	4	3473	77	45	2	7617	143	114	13
1903 ...	5329	137	81	17	2727	72	37	11	3473	84	53	7	7617	156	104	14
1904 ...	5329	135	81	17	2727	65	30	3	3473	81	53	8	7617	170	81	14
1905 ...	5329	133	75	9	2727	61	43	5	3473	70	49	10	7617	159	114	13
1906 ...	5329	133	84	5	2727	62	38	4	3473	62	61	10	7617	155	114	19
1907 ...	5329	140	96	25	2727	58	28	5	3473	95	51	5	7617	148	125	14
1908 ...	5329	145	77	10	2727				3587	82.9	53.1	6.2	7649.4	158.8	113.4	14.5
Averages of Years 1899 to 1908.	5397.4	137.9	84	14.4	2784	66.2	38.8	5.7	3473	74	52	6	7617	157	130	11
1909 ...	5329	125	75	6	2727	68	32	2								

NOTES.—(a) The separate localities adopted for this table should be areas of which the populations are obtainable from the census returns, such as wards, parishes or groups of parishes, or registration sub-districts. Block 1 may, if desired, be used for the whole district : and blocks 2, 3, &c., for the several localities. In small districts without recognised divisions of known population this Table need not be filled up.

(b) Deaths of residents occurring in public institutions beyond the district are to be included in sub-columns c of this table, and those of non-residents registered in public institutions in the district excluded. (See note on Table I. as to meaning of terms “resident” and “non-resident.”)

(c) Deaths of residents occurring in public institutions whether within or without the district, are to be allotted to the respective localities, according to addresses of deceased.

# TABLE III. AMPTHILL RURAL DISTRICT.

Cases of Infectious Disease notified during the Year 1909.

NOTIFIABLE DISEASE.	CASES NOTIFIED IN WHOLE DISTRICT.						TOTAL CASES NOTIFIED IN EACH LOCALITY.				No. CASES REMOVED TO HOSPITAL FROM EACH LOCALITY.				Total Cases removed to Hospital.	
	At all Ages.	At Age—Years.					1 Amphill	2 Cranfield	3 Shillington	4 Woburn	1 Amphill	2 Cranfield	3 Shillington	4 Woburn		
		Under 1	1 to 5.	5 to 15.	15 to 25.	25 to 65.										65 and upwards
Small-pox ...																
Cholera ...																
Diphtheria(including Membranouscroup)	12		3	4	2	3			2	1	9				8	8
Erysipelas ...	9	1				6	2	5		2	2					
Scarlet fever ...	11		2	7	2			1	6	1	3	1	5	1	2	9
Typhus fever ...																
Enteric fever ...	2					2			2					2		2
Relapsing fever ...																
Continued fever ...																
Puerperal fever ...																
Plague ...																
*																
Totals ...	34	1	5	11	4	11	2	6	10	4	14	1	5	3	10	19

NOTES.—The localities adopted for this table should be the same as those in Tables II. and IV.

State the name of the isolation hospital, if any, used by the sick of the district. Mark (H) the locality in which it is situated, or if not within the district, state where it is situated, and in what district.

\* This space may be used for record of other disease the notification (compulsory or voluntary) of which is in force in the district.

† These age columns for notifications should be filled up in all cases where the Medical Officer of Health, by inquiry or otherwise, has obtained the necessary information.

*Isolation Hospital, at Steppingley, for Diphtheria, Scarlet and Enteric Fevers. Total available beds, 20.*

*Hospital for Small-pox at Steppingley. Total available beds, 8.*

*Number of diseases that can be concurrently treated, 3 in one Hospital and 1 in the other.*



## NOTES TO TABLES IV. AND V.

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NOTES.—(a). In Table IV. all deaths of “Residents” occurring in public institutions, whether within or without the district, are to be included with the other deaths in the columns for the several age groups (columns 2-8). They are also, in columns 9-15, to be included among the deaths in their respective “Localities” according to the previous addresses of the deceased as given by the Registrars. Deaths of “Non-residents” occurring in public institutions in the district are in like manner to be excluded from columns 2-8 and 9-15 of Table IV.

(b) See notes on Table I. as to the meaning of “Residents” and “Non-residents,” and as to the “Public Institutions” to be taken into account for the purposes of these Tables. The “Localities” in Table IV. should be the same as those in Tables II. and III.

(c) All deaths occurring in public institutions situated within the district, whether of “Residents” or of “Non-residents,” are, in addition to being dealt with as in note (a), to be entered in the last column of Table IV. The total number in this column should equal the figures for the year in column 9, Table I.

(d) The total deaths in the several “Localities” in columns 9-15 of Table IV. should equal those for the year in the same localities in Table II., sub-columns c. The total deaths at all ages in column 2 of Table IV. should equal the gross total of columns 9-15, and the figures for the year in column 12 of Table I.

(e) Under the heading of “Diarrhoea” are to be included deaths registered as due to Epidemic diarrhoea, Epidemic enteritis, Infective enteritis, Zymotic enteritis, Summer diarrhoea, Dysentery and Dysenteric diarrhoea, Choleraic diarrhoea, Cholera and Cholera Nostras.

In addition, and as regards deaths of children under one year of age under the heading “Diarrhoea” in column 3 (Table IV.) are to be included all deaths classified as “Diarrhoeal diseases” in Table V.

Under the heading of “Enteritis” in Table IV., are to be included only deaths over one year of age registered as due to Enteritis, Muco-enteritis, Gastro-enteritis, Gastric catarrh, Gastritis, and Gastro-intestinal catarrh, unless from information obtained by enquiry from the certifying practitioner or otherwise, the Medical Officer of Health should have reason for including such deaths, under the specific term “Diarrhoea.” Deaths from diarrhoea secondary to some other well-defined disease should be included under the latter.

(f) Under the headings of “Cancer” and “Puerperal fever” should be included all registered deaths from causes comprised within these general terms. Thus: Under “Cancer” should be included deaths from Cancer, Carcinoma, Malignant disease, Scirrhus, Epithelioma, Sarcoma, Villous tumour, and Papilloma of bladder, Rodent ulcer. Under “Puerperal Fever” are to be included deaths from Pyæmia, Septicæmia, Sapræmia, Pelvic peritonitis, Peri- and Endo-Metritis occurring in the Puerperium.

(g) Under “Congenital Defects” in Table V. are to be included deaths from Atelectasis, Icterus neonatorum, Navel hæmorrhage, Malformations and Congenital hydrocephalus.

(h) Under “Tuberculous Meningitis” are to be included deaths from Acute hydrocephalus.

(i) Under “Other Tuberculous Diseases” are to be included deaths from Tuberculosis, Tuberculosis of bones, joints and other organs, Lupus and Scrofula.

(j) All deaths certified by registered Medical Practitioners and all Inquest cases are to be classed as “Certified”; all other deaths are to be regarded as “Uncertified.”

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In recording the facts under the various headings of Tables I., II., III., IV. and V., attention has been given to the notes on the Tables.

February 2nd, 1909.

**KILHAM ROBERTS,**

*Medical Officer of Health.*

TABLE IV.

AMPTHILL RURAL DISTRICT.

Causes of, and Ages at, Death during Year 1909.

CAUSES OF DEATH.	DEATHS AT SUBJOINED AGES OF RESIDENTS WHETHER OCCURRING IN OR BEYOND THE DISTRICT.							DEATHS IN OR BELONGING TO LOCALITIES (AT ALL AGES.)				DEATHS IN PUBLIC INSTITUTIONS.
	All ages.	Under 1	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 65.	65 and up-wards.	Ampthill	Cranfield	Shillington	Woburn	
Small-pox ... ..												
Measles ... ..												
Scarlet fever ... ..												
Whooping-cough ... ..												
Diphtheria and membranous croup ... ..												
Croup ... ..												
Typhus ... ..												
Fever { Enteric ... ..												
Other continued ... ..												
Epidemic influenza ... ..	7					4	3				7	
Cholera ... ..												
Plague ... ..												
Diarrhœa. (See notes at back.)	1	1						1				
Enteritis. (See notes at back.)	3	1	1			1		1			2	
Puerperal fever ... ..												
Erysipelas ... ..	2	1					1	1			1	
Other septic diseases ... ..												
Phthisis (Pulmonary Tuberculosis) ... ..	15				4	9	2	3	3	1	8	
Other tubercular diseases ... ..	8		1	1	4	2		2	1	2	3	
Cancer, malignant disease ... ..	36			1		20	15	11	3	7	15	
Bronchitis ... ..	23	2				3	18	6	1	6	10	
Pneumonia ... ..	14	2	2	1		1	8		1	5	8	
Pleurisy ... ..	2						2	1		1		
Other diseases of Respiratory organs ... ..												
Alcoholism } Cirrhosis of liver }	3					3		1		2		
Veneral diseases ... ..												
Premature birth ... ..	8	8						3	2	1	2	
Diseases and accidents of parturition ... ..	2	1			1			1		1		
Heart diseases... ..	45			1	2	17	25	13	6	6	20	
Accidents ... ..	6		2	1		1	2	2	1		3	
Suicides ... ..	3					3					3	
All other causes ... ..	111	9		2	1	22	77	29	14	20	48	
All causes ... ..	289	25	6	7	12	86	153	75	32	52	130	

See notes at back.





TABLE V.

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AMPTHILL RURAL DISTRICT.

# INFANTILE MORTALITY DURING THE YEAR 1909

Deaths from stated Causes in Weeks and Months under One Year of Age.

CAUSE OF DEATH.		Under 1 Week.	1-2 Weeks.	2-3 Weeks.	3-4 Weeks.	Total under 1 Month.	1-2 Months.	2-3 Months.	3-4 Months.	4-5 Months.	5-6 Months.	6-7 Months.	7-8 Months.	8-9 Months.	9-10 Months.	10-11 Months.	11-12 Months.	Total Deaths under One Year.
All Causes.	Certified	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	25
	Uncertified	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Common Infectious Diseases.	Small-pox	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
	Chicken-pox	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Measles	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Scarlet Fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Diphtheria : Croup...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Diarrhoeal Diseases.	Whooping Cough	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
	Diarrhoea, all forms...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Enteritis, Muco-enteritis, Gastro-enteritis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Gastritis, Gastro-intestinal Catarrh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Premature Birth	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Wasting Diseases.	Congenital Defects...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
	Injury at Birth	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Want of Breast-Milk	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Atrophy, Debility, Marasmus	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Tuberculous Meningitis...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Tuberculous Diseases.	Tuberculous Peritonitis: Tabes Mesenterica	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
	Other Tuberculous Diseases	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Erysipelas	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Syphilis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Rickets	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Meningitis (not Tuberculous)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Convulsions...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Bronchitis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Laryngitis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Pneumonia	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Other Causes	Suffocation, overlaying	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3
	Other Causes	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
District ... Amptull Rural.		8	1	4	3	16	3	1	1	1	2	1						25

Births in the year { Legitimate, 406. illegitimate, 18.

Deaths in the year { Legitimate infants, 25. illegitimate infants, 0

Deaths from all Causes at all Ages, 25.

Population. Estimated to middle of 1909. 19,146.



Annual Report of Medical Officer of Health for the year 1909,

FOR THE

Rural District of Ampthill,  
On the administration of the Factory and Workshop Act, 1901, in connection with  
FATORIES, WORKSHOPS, LAUNDRIES, WORKPLACES AND HOMEWORK.

1.—INSPECTION.

INCLUDING INSPECTIONS MADE BY SANITARY INSPECTORS OR INSPECTORS OF NUISANCES.

Premises.	Number of		
	Inspections.	Written Notices.	Prosecutions.
<b>Factories</b> ... (Including Factory Laundries.)	1		
<b>Workshops</b> ... (Including Workshop Laundries.)	269	33	
<b>Workplaces</b> ...	3		
<b>Total</b> ...	273	33	

2.—DEFECTS FOUND.

Particulars.	Number of Defects.			Number of Prosecutions.
	Found.	Remedied.	Referred to H.M. Inspector.	
<i>Nuisances under the Public Health Acts:—</i>				
Want of cleanliness ...	32	32		
Want of vetilation ...				
Overcrowding ...		8		
Want of drainage of floors ...	8			
Other nuisances ...				
Sanitary accommodation { insufficient ... (Sec. 22 not adopted.) { unsuitable or defective ... not separate for sexes ...				
<i>Offences under the Factory and Workshop Act:—</i>				
Illegal occupation of underground bakehouses (s. 101)				
Breach of special sanitary requirements for bake-houses (ss. 97 to 100) ...				
Other offences ...				
(Excluding offences relating to outwork which are included in Part 3 of this Report.)				
Total ...	40	40		

3.—HOME WORK.

NATURE OF WORK.	OUTWORKERS' LISTS, SECTION 107.								Number of Inspections of Outworkers' premises.	OUTWORK IN UNWHOLESOME PREMISES, SECTION 108.			OUTWORK IN INFECTED PREMISES, SECTIONS 109, 110.			
	Lists received from Employers.				Numbers of Addresses of Outworkers received from other Councils.	Notices served on Occupiers as to keeping or sending lists.	Prosecutions.			Instances.	Notices served.	Prosecutions.	Instances.	Orders made (S. 110).	Prosecutions (Sections 109, 110).	
	Twice in a year.		Once in the year.				Failing to keep or permit inspection of lists.	Failing to send lists.								
	Lists.	Outworkers.	Lists.	Outworkers.												
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	
Wearing Apparel—									No record kept.							
(1) making, &c. . . . .			13	129	3											
(2) cleaning and washing . . . . .																
Lace, lace curtains and nets . . . . .																
Furniture and Upholstery . . . . .																
Fur pulling . . . . .																
Umbrellas . . . . .																
Paper Bags and Boxes . . . . .																
Brush making . . . . .																
Stuffed Toys . . . . .																
File making . . . . .																
Electro Plate . . . . .																
Cables and Chains . . . . .																
Anchors and Grapnels . . . . .																
Cart Gear . . . . .																
Locks, Latches and Keys . . . . .																
TOTAL . . . . .																

4.—REGISTERED WORKSHOPS.

Workshops on the Register (s. 131) at the end of the year.	Number.
Butchers .. .. .	37
Bakers .. .. .	49
Builders .. .. .	7
Blacksmiths .. .. .	20
Bootmakers .. .. .	5
Cabinet Makers... .. .	1
Dressmakers .. .. .	8
Hat Makers .. .. .	14
Engineers .. .. .	1
Tailors .. .. .	4
Carpenters .. .. .	6
Wheelwrights .. .. .	9
Laundries .. .. .	2
Painters .. .. .	3
Horse Slaughters .. .. .	1
Total number of workshops on Register .. ..	167

5.—OTHER MATTERS.

Class.	Number.
Matters notified to H.M. Inspectors of Factories :—	
Failure to affix Abstract of the Factory and Workshop Act (s. 133) ..	}
Action taken in matters referred by H.M. Inspectors as remediable under the Public Health Acts, but not under the Factory and Workshop Act (s. 5) ..	
Notified by H.M. Inspector ..	
Reports (of action taken) sent to H.M. Inspectors.	
Other .. .. .	
Underground Bakehouses (s. 101):—	
Certificates granted during the year .. .. .	
In use at the end of the year .. .. .	1
KILHAM ROBERTS,	
February 2nd, 1910.	
Medical Officer of Health.	